

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1261	(375/341).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/03 12:57
S2	2	("6209209").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/03 12:59
S3	50	Hori and @pd="20010327"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 12:59
S4	2	S3 and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/03 12:59
S5	2398	viterbi and (path near3 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/04 13:03
S6	11	S5 and (adjustab\$5 near2 threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/04 13:39
S7	2	("5341387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/04 13:39
S8	1	(US-5341387-\$).did.	USPAT	OR	ON	2006/09/04 13:40
S9	0	S8 and S6	USPAT	OR	ON	2006/09/04 13:40
S10	1	S8 and "threshold"	USPAT	OR	ON	2006/09/04 14:55
S11	58	S5 and butterfly	USPAT	OR	ON	2006/09/04 14:55
S12	31	S11 and (number near4 metric)	USPAT	OR	ON	2006/09/04 18:42

## EAST Search History

S13	7	S12 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 18:33
S14	565	S5 and (state adj2 transition)	USPAT	OR	ON	2006/09/04 15:21
S15	262	S14 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 15:33
S16	15	S15 and (power near3 "2")	USPAT	OR	ON	2006/09/04 15:25
S17	7	S15 and (power adj3 "2")	USPAT	OR	ON	2006/09/04 15:29
S18	5	S5 and (threshold with power with "2")	USPAT	OR	ON	2006/09/04 15:32
S19	0	S5 and ("threshold is" with power with "2")	USPAT	OR	ON	2006/09/04 15:32
S20	0	viterbi and ("threshold is" with power with "2")	USPAT	OR	ON	2006/09/04 15:32
S21	0	viterbi and ("threshold is" same power same "2")	USPAT	OR	ON	2006/09/04 15:34
S22	154	viterbi and (threshold same power same "2")	USPAT	OR	ON	2006/09/04 15:33
S23	53	S22 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 15:36
S24	2	("threshold is" same power same "2")	USPAT	OR	ON	2006/09/04 15:35
S25	0	("threshold is" with power with "2")	USPAT	OR	ON	2006/09/04 15:35
S26	3072	(threshold with power with "2")	USPAT	OR	ON	2006/09/04 15:35
S27	1785	S26 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 15:40
S28	6	S27 and trellis	USPAT	OR	ON	2006/09/04 15:39
S29	17	S27 and viterbi	USPAT	OR	ON	2006/09/04 15:39
S30	0	S20 and "power of 2"	USPAT	OR	ON	2006/09/04 15:40
S31	0	"power of 2"	USPAT	OR	ON	2006/09/04 15:40
S32	0	"power of 2"	USPAT	OR	ON	2006/09/04 15:40
S33	56959	Power near2 "2"	USPAT	OR	ON	2006/09/04 15:40
S34	448	S33 and (viterbi or trellis)	USPAT	OR	ON	2006/09/04 15:40
S35	185	S34 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 16:51
S36	77	S35 and threshold	USPAT	OR	ON	2006/09/04 15:50
S37	1	(US-4879729-\$.did.	USPAT	OR	ON	2006/09/04 15:50
S38	41	S36 and (threshold same power)	USPAT	OR	ON	2006/09/04 15:51
S39	21	S36 and (threshold near7 power)	USPAT	OR	ON	2006/09/04 16:00
S40	370	(logic near3 value) near3 "OR"	USPAT	OR	ON	2006/09/04 16:01
S41	3	S40 and viterbi	USPAT	OR	ON	2006/09/04 16:01
S42	1	(US-5907586-\$.did.	USPAT	OR	ON	2006/09/04 16:48
S43	4	S5 and ((number near3 decision) SAME SNR)	USPAT	OR	ON	2006/09/04 16:51

## EAST Search History

S44	23	S5 and (decision adj2 depth) and SNR	USPAT	OR	ON	2006/09/04 16:51
S45	6	S44 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 16:52
S46	21	S11 and @pd<"20010123"	USPAT	OR	ON	2006/09/04 18:33
S47	2642	viterbi and (path near3 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:14
S48	922	S47 and @pd<"20010123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48
S49	0	S48 and ((path near3 metric) with (logical near3 "OR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:51
S50	1	S48 and ((path near3 metric) same (logical near3 "OR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:18
S51	9	S48 and ((path near3 metric) and (logical near3 "OR"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:19
S52	6	S48 and ((path near3 metric) with "OR")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 18:51
S53	1	(US-5991341-\$).did.	USPAT	OR	ON	2007/05/05 19:07
S54	1	(US-5991341-\$).did.	USPAT	OR	ON	2007/05/05 19:08
S55	617	(375/265).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/05 19:47

## EAST Search History

S56	168	S55 and @pd<"20010123"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48
S57	2642	viterbi and (path near3 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48
S58	61	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 19:48


☐ Search Results

## BROWSE

## SEARCH

## IEEE XPLORE GUIDE

Results for "((((viterbi and (path <phrase> metric))<in>metadata)) <and> (pyr >= 1950 <a..."))



Your search matched 9 of 51 documents.

A maximum of 100 results are displayed, 75 to a page, sorted by Publication year in Ascending order.

## » Search Options

[View Session History](#)
[New Search](#)

## Modify Search

((((viterbi and (path <phrase> metric))<in>metadata)) <and> (pyr >= 1950 <and> pyr



☐ Check to search only within this results set

Display Format: ☒ Citation ☐ Citation & Abstract

## » Key



Indicates full text access

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)

[Select All](#) [Deselect All](#)



**1. An alternative to metric rescaling in Viterbi decoders**

Hekstra, A.P.;  
[Communications, IEEE Transactions on](#)  
Volume 37, Issue 11, Nov. 1989 Page(s):1220 - 1222  
Digital Object Identifier 10.1109/26.46516

[Abstract](#) | Full Text: [PDF\(328 KB\)](#) IEEE JNL  
[Rights and Permissions](#)



**2. Area-efficient architectures for the Viterbi algorithm**

Shung, C.B.; Lin, H.-D.; Siegel, P.H.; Thapar, H.K.;  
[Global Telecommunications Conference, 1990, and Exhibition, 'Communication the Future', GLOBECOM '90, IEEE](#)  
2-5 Dec. 1990 Page(s):1787 - 1793 vol.3  
Digital Object Identifier 10.1109/GLOCOM.1990.116791

[Abstract](#) | Full Text: [PDF\(560 KB\)](#) IEEE CNF  
[Rights and Permissions](#)



**3. Quantization loss in convolutional decoding**

Onyszchuk, I.M.; Cheung, K.-M.; Collins, O.;  
[Communications, IEEE Transactions on](#)  
Volume 41, Issue 2, Feb. 1993 Page(s):261 - 265  
Digital Object Identifier 10.1109/26.216495

[Abstract](#) | Full Text: [PDF\(392 KB\)](#) IEEE JNL  
[Rights and Permissions](#)



**4. Improved estimates of Viterbi detector path metric differences**

Vityaev, A.; Siegel, P.H.;  
[Global Telecommunications Conference, 1996, GLOBECOM '96, 'Communication Global Prosperity](#)  
Volume 1, 18-22 Nov. 1996 Page(s):374 - 378 vol.1  
Digital Object Identifier 10.1109/GLOCOM.1996.594392

[Abstract](#) | Full Text: [PDF\(440 KB\)](#) IEEE CNF  
[Rights and Permissions](#)



**5. A generic convolutional code Viterbi decoder generator**

Yan Zhong; Lin Yang; Rafie, M.;  
[ASIC, 1996, 2nd International Conference on](#)  
21-24 Oct. 1996 Page(s):206 - 209

Digital Object Identifier 10.1109/ICASIC.1996.562788

[Abstract](#) | [Full Text: PDF\(304 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)



**6. On Viterbi detector path metric differences**

Vityaev, A.; Siegel, P.H.;  
[Communications, IEEE Transactions on](#)  
Volume 46, Issue 12, Dec. 1998 Page(s):1549 - 1554  
Digital Object Identifier 10.1109/26.737388

[Abstract](#) | [Full Text: PDF\(224 KB\)](#) [IEEE JNL](#)  
[Rights and Permissions](#)



**7. Efficient management of in-place path metric update and its implementation decoders**

Ming-Der Shieh; Ming-Hwa Sheu; Chien-Ming Wu; Wann-Shyang Ju;  
[Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE Interna](#)  
[on](#)  
Volume 4, 31 May-3 June 1998 Page(s):449 - 452 vol.4  
Digital Object Identifier 10.1109/ISCAS.1998.698924

[Abstract](#) | [Full Text: PDF\(356 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)



**8. A low power survivor memory unit for sequential Viterbi-Decoders**

Traber, M.;  
[Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Sympo](#)  
Volume 4, 6-9 May 2001 Page(s):214 - 217 vol. 4  
Digital Object Identifier 10.1109/ISCAS.2001.922210

[Abstract](#) | [Full Text: PDF\(356 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)



**9. A novel ACS-feedback scheme for generic, sequential Viterbi-decoder mi**

Traber, M.;  
[Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Sympo](#)  
Volume 4, 6-9 May 2001 Page(s):210 - 213 vol. 4  
Digital Object Identifier 10.1109/ISCAS.2001.922209

[Abstract](#) | [Full Text: PDF\(328 KB\)](#) [IEEE CNF](#)  
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE -

Indexed by  
 Inspec